



PRODUCT CHANGE NOTIFICATION

PRODUCT CHANGE NOTIFICATION NUMBER: PC000020

PCN DATE: May 19, 2023

This notice is to inform you about the following changes to the listed Stewart Connector products. For any further questions about these changes, please contact your Stewart Connector sales contact, or customer service representative.

PARTS AFFECTED:

See Appendix A

GENERAL PRODUCT DESCRIPTION:

Right Angle RJ45 Connectors

REASON FOR CHANGE:

Since the Covid-19 pandemic, the world has been working through evolving supply chain issues which have affected many different industries. During this period, Stewart Connector experienced extreme supply constraints on certain key raw materials which affected production lead-times and our ability to confirm orders in a timely fashion. This caused us to re-evaluate our key raw materials and implement alternatives, where possible, to provide more flexibility in the future to help minimize the impact of supply constraints.

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Glen Rock, PA
17327, USA

T 717.235.7512
stewartconnector.com

DESCRIPTION OF CHANGE:

Currently, the signal contacts used in the part numbers listed are produced using a wire drawing process which creates the cross section of the contact by pulling it through a drawing die. Although this is a common process in the metal working industry, it requires special tooling and equipment. This PCN will qualify these connectors to be made with the existing drawn wire contacts that we use today OR contacts created with a more traditional progressive stamping process. The addition of this approved method for producing these contacts will provide flexibility and more options for raw material sources.

Although the change will affect some internal construction of the contacts and plastic features, it will not cause a visible difference to the external appearance of the connector. It will also not change any of the mechanical or electrical performance specifications of the connector. Below is a table summarizing some of these key contact attributes for the current and new contact construction:

<u>Attribute</u>	<u>Current drawn wire contact</u>	<u>New stamped contact</u>
Contact production method	Drawn wire	Progressive stamping
Contact Material	Phosphor Bronze	Phosphor Bronze
Contact plating - overall	Nickel	Nickel
Contact plating in mating area	Selective Gold – As specified	Selective Gold – As specified
Contact cross-sectional shape	Rectangular	Rectangular

Full product qualification testing will be completed by the product series and can be provided upon request. Part numbers will undergo a revision change once the new stamped contacts are approved for production. After that point, either contact construction could be used to produce the finished goods.

ESTIMATED IMPLEMENTATION SCHEDULE:

**Sample availability	<u>10/01/2023</u>
Released for production	<u>12/01/2023</u>

** If samples are required, please reference this PCN number on your sample request and place sample orders as soon as possible so materials can be planned.

SIGNATURE:



Derek Imschweiler
General Manager
Stewart Connector

Appendix A

SS64100-026F	SS-666608S-NF	SS74800-031F
SS64100-032F	SS66800-006F	SS74800-036F
SS64100-034F	SS66800-011F	SS74800-038F
SS64100-059F	SS66800-017F	SS74800-067F
SS-641010-NF-50	SS66800-018F	SS74800-076F
SS-641010-NF-A414	SS66800-051F	SS74800-085F
SS-641010-NF-K1	SS-668804S-A-NF	SS74800-087F
SS-641010-NF-K2	SS-668804S-A-PG4-AC	SS74800-089F
SS-6446-NF	SS-668806-NF	SS-74800-093
SS-6446S-A-PG4-1-BA	SS-668808-NF	SS74800-102F
SS-6446S-A-PG4-BA	SS71800-003G	SS74800-103F
SS64600-020F	SS71800-014F	SS74800-106F
SS64600-022F	SS71800-016F	SS74800-110F
SS64600-025F	SS71800-017F	SS74800-112F
SS64600-028F	SS71800-018F	SS74800-112G
SS64600-032F	SS71800-019F	SS-74800-115
SS64600-034F	SS71800-019G	SS74800-117F
SS64600-048F	SS71800-020F	SS74800-128F
SS-6466-NF	SS71800-035F	SS74800-131F
SS-6466-NF-50	SS71800-038F	SS74800-132F
SS-6466-NF-A431	SS71800-041F	SS74800-137F
SS-6466-NF-OST	SS71800-044F	SS74800-138F
SS-6466S-A-PG1	SS71800-049F	SS-74800-141
SS-6466S-A-PG1-OST	SS71800-085F	SS74800-147F
SS-6466S-A-PG4-BA	SS71800-095F	SS-748802SC5-YG-PG4-BZ
SS-6466S-A-PG4-BA-50	SS71800-097F	SS-748804SC5-BB-PG4-BZ
SS-6466S-A-PGFLS	SS71800-099F	SS-748804SC5-YG-PG4-BZ
SS-6466S-A-PGFLS-BB	SS71800-104G	SS-748804S-GG-PG3-BZ
SS64800-007F	SS71800-112F	SS-748804S-GY-PG4-BZ
SS64800-008G	SS71800-116F	SS-748804S-YG-PG4-BZ
SS64800-048F	SS-71800-117	SS-748806SC5-GY-PG4-AZ
SS64800-055F	SS71800-122F	SS-7488-GY-PG4-BA
SS64800-056F	SS71800-123F	SS-7488S-BN-PG3-BA-A458
SS64800-057F	SS-718802-NF	SS-7488SC5-BB-PG4-BA
SS64800-060F	SS-718802S-A-PG4-AC-NI	SS-7488SC5-CC-PG4-BA-A403
SS64800-075F	SS-718804S-A-NF	SS-7488SC5-GG-PG4-BA
SS-64800-083	SS-718804S-A-PG4-BA	SS-7488SC5-YG-PG4-BA
SS-6488-NF-50	SS-718804S-A-PG4-BC-50	SS-7488S-CC-PG3-BA
SS-6488-NF-K1	SS-718806-NF	SS-7488S-GY-PG4-BA
SS-6488-NF-RMK	SS-718806S-A-PG4-AC	SS-7488S-YG-PG4-BA
SS-6488S-A-PG4-1-BA	SS-7188-NF-K1	
SS-6488S-A-PG4-BA	SS-7188S-A-PG4-1-BA	
SS-6488S-A-PG4-BA-50	SS-7188S-A-PG4-1-BA-50	
SS-6488S-A-PG4-BA-RMK4	SS-7188S-A-PG4-BA-50	
SS-664602S-A-PG4-AC-50	SS74800-001F	
SS-664604S-A-PG4-AC-50	SS74800-002F	
SS66600-012F	SS74800-007F	
SS-666602S-A-NF	SS74800-023F	



PRODUCT CHANGE NOTIFICATION

PRODUCT CHANGE NOTIFICATION NUMBER: PC000021

PCN DATE: May 19, 2023

This notice is to inform you about the following changes to the listed Stewart Connector products. For any further questions about these changes, please contact your Stewart Connector sales contact, or customer service representative.

PARTS AFFECTED:

See Appendix A

GENERAL PRODUCT DESCRIPTION:

Single Port Right Angle RJ45 Connectors

REASON FOR CHANGE:

Since the Covid-19 pandemic, the world has been working through evolving supply chain issues which have affected many different industries. During this period, Stewart Connector experienced extreme supply constraints on certain key raw materials which affected production lead-times and our ability to confirm orders in a timely fashion. This caused us to re-evaluate our key raw materials and implement alternatives, where possible, to provide more flexibility in the future to help minimize the impact of supply constraints.

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DESCRIPTION OF CHANGE:

Currently, the signal contacts used in the part numbers listed are produced using a wire drawing process which creates the cross section of the contact by pulling it through a drawing die. Although this is a common process in the metal working industry, it requires special tooling and equipment. This PCN will qualify these connectors to be made with the existing drawn wire contacts that we use today OR contacts created with a more traditional progressive stamping process. The addition of this approved method for producing these contacts will provide flexibility and more options for raw material sources.

Although the change will affect some internal construction of the contacts and plastic features, it will not cause a visible difference to the external appearance of the connector. It will also not change any of the mechanical or electrical performance specifications of the connector. Below is a table summarizing some of these key contact attributes for the current and new contact construction:

<u>Attribute</u>	<u>Current drawn wire contact</u>	<u>New stamped contact</u>
Contact production method	Drawn wire	Progressive stamping
Contact Material	Phosphor Bronze	Phosphor Bronze
Contact plating - overall	Nickel	Nickel
Contact plating in mating area	Selective Gold – As specified	Selective Gold – As specified
Contact cross-sectional shape	Rectangular	Rectangular
Finished Product Country of Origin	USA	China

Full product qualification testing will be completed by the product series and can be provided upon request. Part numbers will undergo a revision change once the new stamped contacts are approved for production. After that point, either contact construction could be used to produce the finished goods.

ESTIMATED IMPLEMENTATION SCHEDULE:

**Sample availability	<u>10/1/2023</u>
Released for production	<u>12/1/2023</u>

** If samples are required, please reference this PCN number on your sample request and place sample orders as soon as possible so materials can be planned.

SIGNATURE:



Derek Imschweiler
General Manager
Stewart Connector

Appendix A

SS-640610-NF-A111
SS-640810-A-NF-A111
SS-640810-A-NF-K1-A75
SS-640810-NF-A111
SS-640810-NF-A75
SS-640810SA-FLS-1-01-A111
SS-640810S-A-NF-A111
SS-640810S-A-NF-A75
SS64100-002F
SS64100-010F
SS64100-014F
SS64100-015F
SS64100-018F
SS64100-021F
SS64100-023F
SS64100-037F
SS64100-043F
SS64100-075F
SS64100-081F
SS-64100-082
SS64100-083F
SS64100-089F
SS-641010-A-NF-A111
SS-641010-NF
SS-641010-NF-A111
SS-641010-NF-A115
SS-641010-NF-A432
SS-641010-NF-RMK4
SS-641010S-A-NF-A111
SS64800-012F
SS-6488-FLS
SS-6488-NF
SS-6488-NF-A431
SS71800-003F
SS-7188-NF
SS-6448-NF-A01
SS-6488-NF-A01
SS71800-132F



PRODUCT CHANGE NOTIFICATION

PRODUCT CHANGE NOTIFICATION NUMBER: PC000022

PCN DATE: May 19, 2023

This notice is to inform you about the following changes to the listed Stewart Connector products. For any further questions about these changes, please contact your Stewart Connector sales contact, or customer service representative.

PARTS AFFECTED:

See Appendix A

GENERAL PRODUCT DESCRIPTION:

Right Angle RJ45 Connectors

REASON FOR CHANGE:

Since the Covid-19 pandemic, the world has been working through evolving supply chain issues which have affected many different industries. During this period, Stewart Connector experienced extreme supply constraints on certain key raw materials which affected production lead-times and our ability to confirm orders in a timely fashion. This caused us to re-evaluate our key raw materials and implement alternatives, where possible, to provide more flexibility in the future to help minimize the impact of supply constraints.

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DESCRIPTION OF CHANGE:

Change 1 - Contact

Currently, the signal contacts used in the part numbers listed are produced using a wire drawing process which creates the cross section of the contact by pulling it through a drawing die. Although this is a common process in the metal working industry, it requires special tooling and equipment. This PCN will qualify these connectors to be made with the existing drawn wire contacts that we use today OR contacts created with a more traditional progressive stamping process. The addition of this approved method for producing these contacts will provide flexibility and more options for raw material sources.

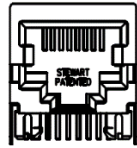
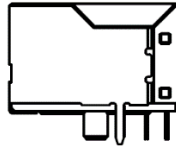
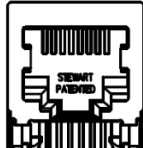
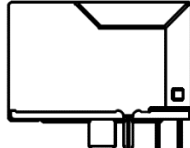
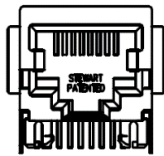
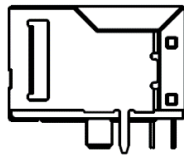
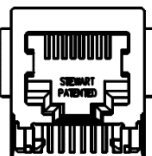
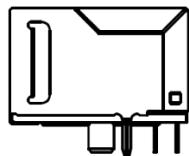
Although the change will affect some internal construction of the contacts and plastic features, it will not cause a visible difference to the contacts externally. It will also not change any of the mechanical or electrical performance specifications of the connector. Below is a table summarizing some of these key contact attributes for the current and new contact construction:

<u>Attribute</u>	<u>Current drawn wire contact</u>	<u>New stamped contact</u>
Contact production method	Drawn wire	Progressive stamping
Contact Material	Phosphor Bronze	Phosphor Bronze
Contact plating - overall	Nickel	Nickel
Contact plating in mating area	Selective Gold – As specified	Selective Gold – As specified
Contact cross-sectional shape	Rectangular	Rectangular
Finished Product Country of Origin	USA	China

Change 2 – Shield Style

The shield used on the connectors will be changed to a different mechanical design which will have a visual difference between the new and old appearance. However, there will be no change to the mechanical or electrical performance of the connector and it will not affect the footprint or panel openings. The shield style being converted to is an existing style that has been used on similar connectors for many years.

<u>Attribute</u>	<u>Current Shield</u>	<u>New Shield</u>
Plating	Tin	Tin
Shield Material	Brass	Brass
Shield Construction	Refer to reference images in the table below	
Shield footprint	No change	

**Version	Current Shield		New Shield	
NF				
FLS				

** 8 Position non-keyed connector shown, but shield constructions is the same for both 8 and 10 position connectors with different keying options

Full product qualification testing will be completed by product series and can be provided upon request. Part numbers will undergo a revision change once the new shield style is implemented and the stamped contacts are approved for production. After that point, either contact construction could be used to produce the finished goods and shield changes will be implemented based upon inventory availability.

ESTIMATED IMPLEMENTATION SCHEDULE:

**Sample availability	<u>10/1/2023</u>
Released for production	<u>12/1/2023</u>

** If samples are required, please reference this PCN number on your sample request and place sample orders as soon as possible so materials can be planned.

SIGNATURE:



Derek Imschweiler
General Manager
Stewart Connector

Appendix A

SS64100-042F
SS-641010S-A-NF
SS64800-031F
SS-64800-084
SS-6488S-A-FLS
SS-6488S-A-FLS-50
SS-6488S-A-NF
SS-6488S-A-NF-1
SS-6488S-A-NF-50
SS-6488S-A-NF-K1
SS71800-007F
SS71800-011F
SS-7188S-A-FLS
SS-7188S-A-NF
SS-7188S-A-NF-1-50
SS-7188S-A-NF-50
SS-641010S-A-NF-K1
SS-641010S-A-NF-RMK4
SS-641010S-A-NF-RMK4R
SS-7188S-A-NF-K1-50



PRODUCT CHANGE NOTIFICATION

PRODUCT CHANGE NOTIFICATION NUMBER: PC000025

PCN DATE: May 19, 2023

This notice is to inform you about the following changes to the listed Stewart Connector products. For any further questions about these changes, please contact your Stewart Connector sales contact, or customer service representative.

PARTS AFFECTED:

See Appendix A

GENERAL PRODUCT DESCRIPTION:

Stacked RJ45 Connectors

REASON FOR CHANGE:

Since the Covid-19 pandemic, the world has been working through evolving supply chain issues which have affected many different industries. During this period, Stewart Connector experienced extreme supply constraints on certain key raw materials which affected production lead-times and our ability to confirm orders in a timely fashion. This caused us to re-evaluate our key raw materials and implement alternatives, where possible, to provide more flexibility in the future to help minimize the impact of supply constraints.

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DESCRIPTION OF CHANGE:

Currently, the signal contacts used in the bottom connector ports of the stack jack part numbers listed are produced using a wire drawing process which creates the cross section of the contact by pulling it through a drawing die. Although this is a common process in the metal working industry, it requires special tooling and equipment. This PCN will qualify these connectors to be made with the existing drawn wire contacts that we use today OR contacts created with a more traditional progressive stamping process. The addition of this approved method for producing these contacts will provide flexibility and more options for raw material sources.

Although the change will affect some internal construction of the contacts and plastic features, it will not cause a visible difference to the contacts externally. It will also not change any of the mechanical or electrical performance specifications of the connector. Below is a table summarizing some of these key contact attributes for the current and new contact construction:

<u>Attribute</u>	<u>Current drawn wire contact</u>	<u>New stamped contact</u>
Contact production method	Drawn wire	Progressive stamping
Contact Material	Phosphor Bronze	Phosphor Bronze
Contact plating - overall	Nickel	Nickel
Contact plating in mating area	Selective Gold – As specified	Selective Gold – As specified
Contact cross-sectional shape	Rectangular	Rectangular

Full product qualification testing will be completed by the product series and can be provided upon request. Part numbers will undergo a revision change once the new stamped contacts are approved for production. After that point, either contact construction could be used to produce the finished goods.

ESTIMATED IMPLEMENTATION SCHEDULE:

**Sample availability	<u>10/1/2023</u>
Released for production	<u>12/1/2023</u>

** If samples are required, please reference this PCN number on your sample request and place sample orders as soon as possible so materials can be planned.

SIGNATURE:



Derek Imschweiler
General Manager
Stewart Connector

Appendix A

SS-73100-002
SS-73100-003
SS-73100-007
SS-73100-008
SS-73100-009
SS-73100-011
SS-73100-028
SS-73100-070
SS-73100-073
SS-73100-082
SS73100-046F
SS73100-047F
SS73100-050F
SS73100-060F
SS-73800-050
SS73800-057F
SS73800-062F
SS73800-063F
SS73800-065F
SS73800-050F
SS73800-061F